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MONITORING PROGRAM

Goal 5 - Compliance and Environmental Stewardship Goal 2 - Clean and Safe Water

_	Task #
State Monitoring Strategy The State will annually review and maintain a comprehensive monitoring strategy containing all of the information as outlined in <i>Elements of a State Water</i>	106 Workplan Task Description
Program Priority & Elements of a State Water Monitoring	Basis for 106 Workplan Task
Output: Revised Monitoring Strategy 9/30/12	Commitments (Output/Outcome)
12/31/12 9/30/12	Date Due
	EPA Comments
	(End-of-Year State Report/State Comments Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)

for review.

support and infrastructure needs, and

designs, evaluation processes, general revisions such as refined objectives,

other elements will be provided to EPA

WQ-5

03-003) (EPA 841-B-Program Assessment

(EPA 841-B-03-003). Strategy

Monitoring and Assessment Program

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MONITORING PROGRAM

Denise Miller (STORET/data)

Goal 2 - Clean and Safe Water

Goal	Goal 5 - Compliance and Environmental Stewardship	dship			3	
				ė	3	(End-of-Year State Report/State
						Comments Indicate whether task has been met by writing the date the task was completed.
e:		Basis for 106 Workplan	Commitments		£1	the task was completed. If the task is not completed, provide an explanation for any delays or issues
Task #	Monitoring Workplan: The State shall	Task	(Output/Outcome)	Date Due	EPA Comments	encountered.)
		Priority	monitoring Workplan	04/01/12		
	consistent with the comprehensive	WQ-5	document			
	104, 604 and other monitoring activities.					
	sites to be sampled for each of the					
	following water quality data: ambient					
	water chemistry, biology, habitat, fish					
	tissue, toxicity and sediment chemistry.					

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MONITORING PROGRAM

Goal 5 - Compliance and Environmental Stewardship Goal 2 - Clean and Safe Water

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MONITORING PROGRAM

COUNTY.	Goal 5 - Computative and Environmental Stewardship	dinen				
						(Fnd-of-Vear State
						Report/State
						Comments Indicate
					100	whether task has be
						met by writing the de
						the task was complet
						If the task is not
	71	D 6 100				completed, provide
		Basis for 100				explanation for an
		Workplan	Communication			delays or issues
Task #	106 Workplan Task Description	Task	(Output/Outcome)	Date Due	EPA Comments	encountered.)
4	Designs: Probability Networks, etc.	Program	Output: Report on	12/31/12		
	The State commits to continue and	Priority &	description and			
	enhance its network designs, such as	Elements of a	findings of			
	probabilistic monitoring networks for	State Water	Enhanced Network			
	making statistically valid inferences	Monitoring	Designs.			
	about the condition of all state water	and		88		
	types, over time, subject to availability	Assessment				
	of resources/funding.	Program				
		(EPA 841-B-				
		03-003)				
		WO-5				

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MONITORING PROGRAM

Goal 5	Goal 5 - Compliance and Environmental Stewardship	rdship			
	\$1				
3		Basis for 106 Workplan	Commitments		
Task#	106 Workplan Task Description	Task	(Output/Outcome)	Date Due	EPA Comments
5	Indicators: The State commits to	Program	Output: Report on	12/31/12	
	continue the use and development of	Priority &	description and use		
	monitoring indicator capabilities [for	Elements of a	of Enhanced		
	example: additional resource types,	State Water	Indicator		
	parameters, a 2 nd biological assemblage	Monitoring	Capabilities (e.g.		
	availability of resources/funding.	Assessment			
		Program			
		(EPA 841-B-			
		03-003)			
		WO-5			

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Goal :	Goal 2 - Clean and Safe Water Goal 5 - Compliance and Environmental Stewardship	dship				
					23	(End-of-Year State Report/State Comments Indicate whether task has been met by writing the date the task was completed. If the task is not
Task #	# 106 Workplan Task Description	Basis for 106 Workplan Task	Commitments (Output/Outcome)	Date Due	EPA Comments	completed, provide an explanation for any delays or issues encountered.)
6	BMP & Restoration Effectiveness: The State will monitor at least three watersheds (in EPA priority watersheds when possible) where water restoration projects (e.g., EDEP_adopted Basin Management Action Plans 249 BAMPs, TAMDLS, APDES permit changes) have been planned and/or implemented to validate/verify WQ changes in those waterbody segments. Using data obtained before and after project implementation, State will assess the effectiveness of the water restoration strategies for attainment of water quality standards and designated uses. Some specific waterstwatersheds with adopted BMAPs include, where this activity has or will occur are: Upper Ocklawaha, Orange Creek, Long Branch, and Lower St. Johns River.	Program Priority\ 2.2.1 SP-10 SP-11 SP-12	Output: Submit monitoring data in WQX and assessment results in ADB compatible format for the water restoration projects where post project monitoring has been initiated or completed. Submit results in EDEP reports on BMAP progress.	12/31/12 9/30/12		

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MONITORING PROGRAM

9	Goal 2 - Clean and Safe Water Goal 5 - Compliance and Environmental Stewardship	

7	Task#	Goal 5 -
Third Party Data: To enhance limited monitoring resources, and reduce duplication of efforts, the State will scientifically review "all existing and readily-available" data (FDEP & third party), for compelling evidence of water quality impairment or improvement and will use these data as indicators of water quality as appropriate. Where warranted, the State will monitor to supplement the available data to meet data requirements and thresholds for determining the waterbody's use support status and to confirm the actual water quality condition. The State will encourage other agencies and organizations to target monitoring to define baseline conditions or watershed improvement/restoration, where such monitoring is judged appropriate by State.	106 Workplan Task Description	Goal 5 - Compliance and Environmental Stewardship
Program Priority 2.2.1	Basis for 106 Workplan Task	dship
Output: Report use of third party data as indicator of change and as supplemental data in determination of waterbody water quality.	Commitments (Output/Outcome)	
12/31/12 4/1/12	Date Due	
8	EPA Comments	
6	(End-of-Year State Report/State Comments Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)	

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MONITORING PROGRAM

						(End-of-Year State
		53				Report/State
						Comments Indicate
	B					whether task has been
						met by writing the date
						the task was completed.
						If the task is not
		Rasis for 106				completed, provide an
		Worknian	Commitments			explanation for any
Task #	106 Workplan Task Description	Task	(Outnut/Outcome)	Date Due	EPA Comments	ariays or issues
9	Quality Assurance - Laboratory &	Program	Output: Reports	Ву		
	Other Audits: The State agrees to	Priority &	status of	12/31/12, if		
12.0	participate in any requested reviews or	Elements of a	recommendations	requested		
	audits of its monitoring and analysis	State Water	and implementation			
	program by Region 4, including, but not	Monitoring	of corrective			
	limited to, the following: an annual	and	actions, associated			
	review of the QAPP(s) for the ambient	Assessment	with SESD audits	81		
	surface water quality monitoring	Program	and Region 4			
	program, and a data validation audit to	(EPA 841-B-	review of QAPPs.			
	ensure monitoring data is of known and	03-003)	8			
	documented quality.	2.2.1				

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MONITORING PROGRAM

Goal 2 - Clean and Safe Water Goal 5 - Compliance and Environmental Stewardship

10	Task#
Quality Assurance- Quality Assurance Project Plans (QAPPs) and Standard Operating Procedures (SOPs): The State commits to develop and maintain peer reviewed Quality Assurance Project Plans (QAPPs) and Standard Operating Procedures (SOPs) consistent with the Data Quality Objective (DQO) process for ambient monitoring and specific projects to ensure the scientific validity of monitoring and laboratory activities. The State shall review its QAPPs and SOPs annually to ensure consistency with the comprehensive monitoring program strategy. Revisions to QAPPs and SOPs shall also be made to reflect program changes such as staff, sampling or analytical techniques, data quality objectives, data validation procedures or data.	Basi W 106 Workplan Task Description
Pursuant to 40 CFR 130.4(b) and EPA Order 5360.1 A2, See also: EPA QA/R-5, (EPA/240/B- 01/002) (March 2001 2.2.1	Basis for 106 Workplan
Output: QAPPs and QAPP revisions which reflect current FDEP program methods and objectives, and are consistent with EPA requirements, to EPA-Region 4 for review and approval.	Commitments (Output/Outcome)
Prior to, or in conjunction with, the initiation of monitoring efforts not covered by an EPA-approved QAPP (e.g. efforts based on new or revised program requirements)	Date Due
	EPA Comments
	(End-of-Year State Report/State Comments Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explantation for any delays or issues encountered.)

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MONITORING PROGRAM

Goal 2 - Clean and Safe Water

	=	Task #	Goal 5
	Data Management, Water Quality Exchange (WQX)/STOrage and RETrieval (STORET) Systems: The State is required to submit georeferenced water quality data, such as: ambient water chemistry, biology, habitat, fish tissue, toxicity and sediment chemistry data. This submission must include the sampling results for FYH through [date negotiated with FDEP] consistent with the State's monitoring workplan. Annual electronic updates will be submitted using WQX/STORET utilizing EPA's established electronic data schema and data elements for submission. The State agrees to geo-reference their monitoring data to include station locations. EPA may determine that an alternate data submission satisfies the statutory annual requirement, which the State and EPA will identify and discuss before Section 106 funds are awarded.	106 Workplan Task Description	Goal 5 - Compliance and Environmental Stewardship
10	Program Priority & Elements of a State Water Monitoring and Assessment Program (EPA 841-B- 03-003) WQ-5	Basis for 106 Workplan Task	dship
=	Output: WQX Transmission to STORET data warehouse of all State ambient water chemistry, biology, habitat, fish tissue, toxicity and sediment chemistry monitoring data, which reflect current cycle monitoring activities, which may include: Accepted. Validated. Preliminary, and Final monitoring results. (Note: Only monitoring results marked as "Final" in State WQX transmittal are made available to the public in STORET]	Commitments (Output/Outcome)	
	9/30/12	Date Due	
		EPA Comments	
	**************************************	(End-of-Year State Report/State Comments Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)	

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MONITORING PROGRAM

Goal 2 - Clean and Safe Water

Task# 106 Workplan Task Description Task 106 Workplan Task Description Task 113 Data Analysis and Assessment updates and refine its comprehensive, scientifically valid assessment methods for data and/or waterbody type, including use of State and third party data. Considering trends, and incorporating the full range of available data. Considering trends, and data. Commitments Commitments	Goal 5	Goal 5 - Compliance and Environmental Stewardship	dship				
Data Analysis and Assessment Program Program Methods: The State will document Elements of a scientifically valid assessment methods Including use of State and third party data, considering trends, and data. Considering the full range of available Considering trends, and data. Considering trends, and			Basis for 106 Workplan	Commitments			(End-of-Year State Report/State Comments Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any
	5	Data Analysis and Assessment Methods: The State will document updates and refine its comprehensive, scientifically valid assessment methods for data and/or waterbody type, including use of State and third party data, considering trends, and incorporating the full range of available data.	Program Priority & Elements of a State Water Monitoring and Assessment Program (EPA 841-B- 03-003) WQ-5	Output: The State's current Listing and Assessment Methodology.	12/31/12 4/1/12	¥ , S	9

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e Miller (STORET/data)	Phone#:	Phone#: 850-245-8516	
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Basis for 106 Workplan Task Description Task Output: 2012 04/01/12 04/01/12 05(b) or Electronic Update cport, and Section 303(d) List compatible assessment data. 3(d) List updates, for all the turing the previous year. The ata files will include the ements in accordance with the Bof the 2006 Integrated Basis for 106 Workplan Commitments Output: 2012 04/01/12	Goal 2 - Goal 5 -	Goal 2 - Clean and Safe Water Goal 5 - Compliance and Environmental Stewardship	dship				
Reporting - § 305(b) or Electronic Update and Assessment Data Base (ADB): In even calendar years, the State shall submit its biennial 305(b) report and Section 303(d) List pursuant to CWA § 305(b) as part of the Integrated 305(b)/303(d) Report, Each year, the State shall submit its annual electronic update of key monitoring information along with ADB-compatible assessment data, including any 303(d) List updates, for all the waters assessed during the previous year. The geo-referenced data files will include the minimum data elements in accordance with the Appendices A & B of the 2006 Integrated Report Guidance. WOL7 WORPHAIT (Output/Outcome) Date Due EPA Comments Output: 2012 04/01/12 04/01/12 04/01/12 04/01/12 04/01/12 04/01/12 805(b)/303(d) Integrated Report, and electronic update. SP-10 SP-11 SP-11 SP-12			Basis for 106	Commitments			(End-of-Year State Report/State Comments Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any
and Assessment Data Base (ADB): In even calendar years, the State shall submit its biennial 305(b) report and Section 303(d) List pursuant to CWA § 305(b) as part of the Integrated 305(b)/303(d) Report. Each year, the State shall submit its annual electronic update of key monitoring information along with ADB-compatible assessment data, including any 303(d) List updates, for all the waters assessed during the previous year. The geo-referenced data files will include the minimum data elements in accordance with the Appendices A & B of the 2006 Integrated Report Guidance. 303(d) and 305(b)/303(d) 305(b), IR Guidance, and electronic update. 40 CFR 130.8(d) 8P-10 SP-11 SP-11 SP-12 SP-13	Task #	106 Workplan Task Description	Task	(Output/Outcome)	Date Due	EPA Comments	encountered.)
	14	Reporting - § 305(b) or Electronic Update and Assessment Data Base (ADB): In even calendar years, the State shall submit its biemial 305(b) report and Section 303(d) List pursuant to CWA § 305(b) as part of the Integrated 305(b)/303(d) Report. Each year, the State shall submit its annual electronic update of key monitoring information along with ADB-compatible assessment data, including any 303(d) List updates, for all the waters assessed during the previous year. The geo-referenced data files will include the minimum data elements in accordance with the Appendices A & B of the 2006 Integrated Report Guidance.	CWA § 303(d) and 305(b), IR Guidance, 40 CFR 130.8(d) SP-10 SP-11 SP-12 SP-13 WQ-7	Output: 2012 305(b)/303(d) Integrated Report, and electronic update.	04/01/12	59	

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MONITORING PROGRAM

Goal 2 Goal 5	Goal 2 - Clean and Safe Water Goal 5 - Compliance and Environmental Stewardship	dship				
	20	8	0			(End-of-Year State Report/State Report/State Comments Indicate whether task has been met by writing the date the task was completed the task was completed.
Task #	106 Workplan Task Description	Basis for 106 Workplan Task	Commitments (Output/Outcome)	Date Due	EPA Comments	If the task is not completed, provide an explanation for any delays or issues encountered.)
15	State's Evaluation: The State will evaluate its monitoring and assessment	Program Priority &	Output: State self- assessment of	12/31/12		
	program through processes/activities such as staff input, peer review, etc. and	Elements of a State Water	monitoring &			
		Monitoring and			<u>;</u> *	
	objectives and decision needs.	Assessment				
		(EPA 841-B- 03-003)				
		WQ-5				

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FY12 SECTION 106 WORKPLAN REGION 4 STATE of FLORIDA EPA Technical Point of Contact Allison Hum

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16	Task #	Goal Goal
Joint Evaluation/ Progress Report: The State will assist EPA to conduct Annual Evaluations of progress in implementing workplan commitments by providing status reports for each task. The reports should be included in the column of this workplan labeled State Comments.	# 106 Workplan Task Description	Goal 2 - Clean and Safe Water Goal 5 - Compliance and Environmental Stewardship
Program Priority Regulatory Requirement 40 CFR 31.40 (b) 40 CFR 35.115 (a)	Basis for 106 Workplan Task	rdship
Output: 106 Annual Progress Report	Commitments (Output/Outcome)	
12/31/12	Date Due	
	EPA Comments	
	(End-of-Year State Report/State Comments Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)	

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MONITORING PROGRAM

Goal 5 -	Goal 2 -
 Compliance and Environmental Stew 	Clean and Safe W
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Coal 5 -	Goal 5 - Compliance and Environmental Stewardship	dship				
Task#	106 Workplan Task Description	Basis for 106 Workplan	Commitments	Date Due	EPA Comments	End-of-Year State Report/State Comments Indicate whether task has been met by writing the date the task was completed If the task is not completed, provide an explanation for any delays or issues
_	State Monitoring Strategy The State will annually review and maintain a comprehensive monitoring strategy containing all of the information as outlined in Elements of a State Water Monitoring and Assessment Program (EPA 841-B-03-003). Strategy revisions such as refined objectives, designs, evaluation processes, general support and infrastructure needs, and other elements will be provided to EPA for review.	Program Priority & Elements of a State Water Monitoring and Assessment Program (EPA 841-B- 03-003) WQ-5	Output: Revised Monitoring Strategy document.	12/31/12 9/30/12		

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Goal :	Goal 5 - Compliance and Environmental Stewardship	dship			
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					Comments Indicate whether task has been met by writing the date the task was completed. If the task is not
7	To be a second of the second o	Basis for 106 Workplan	Commitments		completed, provide an explanation for any delays or issues
2	Monitoring Workplan: The State shall	Program	Output: FY2012	Before	
	submit its projected annual monitoring and assessment workplan for FY12,	Priority	monitoring Workplan	04/01/12	
	consistent with the comprehensive monitoring strategy, including §106,	WQ-5	document		
	This plan should contain the number of sites to be sampled for each of the				
	following water quality data: ambient water chemistry, biology, habitat, fish				
	tissue, toxicity and sediment chemistry.				

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MONITORING PROGRAM

(End-of-Year State Report/State Comments Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.) (Output/Outcome) Date Due EPA Comments encountered.) (End-of-Year State Report/State Comments whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)	Strategy Implementation: In addition to statutory and regulatory requirements included in tasks below, the State commits to implementing one or more specific monitoring program improvements, identified in its approved monitoring strategy, and indicated in other appropriate tasks below, subject to availability of resources/funding. State Water State Water Monitoring and Monitoring and Assessment (EPA 841-B-03-003) WO-5	Task# 106 Workplan Task Description Task (Output	Goal 2 - Clean and Safe Water Goal 5 - Compliance and Environmental Stewardship
		Date Due	

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Date of latest workplan revision: 5/10/117/29/2011

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Goal 5 - Compliance and E	Goal 2 - Clean and Safe Water
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Task #	(# 106 Workplan Task Description	Basis for 106 Workplan Task	Commitments (Output/Outcome)	Date Due	EPA Comments	completed, provide an explanation for any delays or issues encountered.)
4	Designs: Probability Networks, etc. The State commits to continue and	Program Priority &	Output: Report on description and	12/31/12		
	enhance its network designs, such as	Elements of a	findings of			
	probabilistic monitoring networks for	State Water	Enhanced Network			
	about the condition of all state water	and	o			
	types, over time, subject to availability	Assessment				
	of resources/funding.	Program				
		03-003)				
		WQ-5				

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MONITORING PROGRAM

5 Indicators: The continue the use monitoring indic example: additio	Task # 106 Workpls	Goal 2 - Clean and Safe Water Goal 5 - Compliance and Environmental Stewardship
Indicators: The State commits to continue the use and development of monitoring indicator capabilities [for example: additional resource types, parameters, a 2 nd biological assemblage for streams, etc.] over time, subject to availability of resources/funding.	106 Workplan Task Description	Water Environmental Stewar
Program Priority & Elements of a State Water Monitoring and Assessment Program (EPA 841-B- 03-003)	Basis for 106 Workplan Task	rdship
Output: Report on description and use of Enhanced Indicator Capabilities (e.g. phytoplankton)	Commitments (Output/Outcome)	
12/31/12	Date Due	
	EPA Comments	
	(End-of-Year State Report/State Comments Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)	

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Goal 5 - Co	Goal 2 - 0
mplia	Clean and Safe V
ince and Envi	Safe Water
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Goal 5 - Compl	Goal 5 - Compliance and Environmental Stewardship	dship			
		Basis for 106 Workplan	Commitments		(End-of-Year State Report/State Comments Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues
6 BMP & The Stat (in EPA where w adopted BMPs, 1 been pla verify W segment project in effective for attain designate waters\w where th Ocklawa Lower SI	The State will monitor at least three watersheds (in EPA priority watersheds when possible) where water restoration projects (e.g., FDEP-adopted Basin Management Action Plans, 349 BAH9, TAMDLS, NPDES permit changes) have been planned and/or implemented to validate/verify WQ changes in those waterbody segments. Using data obtained before and after project implementation, State will assess the effectiveness of the water restoration strategies for attainment of water quality standards and designated uses. Some specific waters/watersheds/with adopted BMAPs/include/waters/watersheds/with adopted BMAPs/include/waters/watersheds/with adopted BMAPs/include/waters/watersheds/with adopted BMAPs/include/where this activity-has or will occur are: Upper Ocklawaha, Orange Creek, Long Branch, and Lower St. Johns River.	Program Priority\ 2.2.1 SP-10 SP-11 SP-12	Output: Submit monitoring data in WQX and assessment results in ADB compatible format for the water restoration projects where post project monitoring has been initiated or completed. Submit results in FDEP reports on BMAP progress. the IR report.	9/30/12	

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Goal 5 - Compliance and Environmental Stewardship	Goal 2 - Clean and Safe Water
nmental Stewardshir	

7	Task #	Goal 5
Third Party Data: To enhance limited monitoring resources, and reduce duplication of efforts, the State will scientifically review "all existing and readily-available" data (FDEP & third party), for compelling evidence of water quality impairment or improvement and will use these data as indicators of water quality as appropriate. Where warranted, the State will monitor to supplement the available data to meet data requirements and thresholds for determining the waterbody's use support status and to confirm the actual water quality condition. The State will encourage other agencies and organizations to target monitoring to define baseline conditions or watershed improvement/restoration, where such monitoring is judged appropriate by State.	106 Workplan Task Description	Goal 5 - Compliance and Environmental Stewardship
Program Priority 2.2.1	Basis for 106 Workplan Task	dship
Output: Report use of third party data as indicator of change and as supplemental data in determination of waterbody water quality.	Commitments (Output/Outcome)	
12/31/12 4/1/12	Date Due	
	EPA Comments	
ži.	(End-of-Year State Report/State Comments Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)	

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Date of latest workplan revision: 5/10/117/29/2011

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MONITORING PROGRAM

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Goal 2 - Clean and Safe Water
Goal 5 - Compliance and Environmental Stewardship

∞	Task #	Goal 5
Quality Assurance - Quality Management Plan (QMP) The State commits to maintaining an up-to-date and approved Quality Management Plan (QMP) The State shall review its QMP at least annually to reconfirm its suitability and effectiveness. When significant changes occur, as defined in EPA QA/R-2, the State shall revise and resubmit the QMP to EPA for review and approval.	106 Workplan Task Description	Goal 5 - Compliance and Environmental Stewardship
In accordance with EPA Order 5360.1 A2 and EPA Requirements for Quality Management Plans (EPA QA/R-2). 2.2.1	Basis for 106 Workplan Task	dship
Output: Reconfirm suitability of existing QMP, approved July 1, 2009, or revise as needed.	Commitments (Output/Outcome)	
9/30/12	Date Due	
(4)	EPA Comments	
	(End-of-Year State Report/State Comments Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)	

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MONITORING PROGRAM

Denise Miller (STORET/data)

Goal 2 Goal 5	Goal 2 - Clean and Safe Water Goal 5 - Compliance and Environmental Stewardship	rdship				
		Racic for 106				(End-of-Year State Report/State Comments Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an
Task#	106 Workplan Task Description	Basis for 106 Workplan Task	Commitments (Output/Outcome)	Date Due	EPA Comments	completed, provide an explanation for any delays or issues encountered.)
10	Quality Assurance- Quality Assurance Project Plans (QAPPs) and Standard Operating Procedures (SOPs): The State commits to develop and maintain peer reviewed Quality Assurance Project Plans (QAPPs) and Standard Operating Procedures (SOPs) consistent with the Data Quality Objective (DQ) process for ambient monitoring and specific projects to ensure the scientific validity of monitoring and laboratory activities. The State shall review its QAPPs and SOPs annually to ensure consistency with the comprehensive monitoring program strategy. Revisions to QAPPs and SOPs shall also be made to reflect program changes such as staff, sampling or analytical techniques, data quality objectives, data validation procedures or data.	Pursuant to 40 CFR 130.4(b) and EPA Order 5360.1 A2, See also: EPA QA/R-5, (EPA/240/B- 01/002) (March 2001 2.2.1	Output: QAPPs and QAPP revisions which reflect current FDEP program methods and objectives, and are consistent with EPA requirements, to EPA-Region 4 for review and approval.	Prior to, or in conjunction with, the initiation of monitoring efforts not covered by an EPA-approved QAPP (e.g. efforts based on new or revised program requirements)		

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Date of latest workplan revision: 5/10/117/29/2011

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MONITORING PROGRAM

Goal 2 - Clean and Safe Water Goal 5 - Compliance and Environmental Stewardship	
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Task #	.# 106 Workplan Task Description	Basis for 106 Workplan Task	Commitments (Output/Outcome)	Date Due	EPA Comments	Report/State Report/State Comments Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)
=	Data Management, Water Quality Exchange (WQX)/STOrage and RETrieval (STORET) Systems: The State is required to submit georeferenced water quality data, such as: ambient water chemistry, biology, habitat, fish tissue, toxicity and sediment chemistry data. This submission must include the sampling results for EY11 through [date negotiated with EDEP] consistent with the State's monitoring workplan. Annual electronic updates will be submitted using WQX/STORET utilizing EPA's established electronic data schema and data elements for submission. The State agrees to geo-reference their monitoring data to include station locations. EPA may determine that an alternate data submission satisfies the statutory annual requirement, which the State and EPA will identify and discuss before Section 106	Program Priority & Elements of a State Water Monitoring and Assessment Program (EPA 841-B- 03-003) WQ-5	Output: WQX transmission to STORET data warehouse of all State ambient water chemistry, biology, habitat, fish tissue, toxicity and sediment chemistry monitoring data, which reflect current cycle monitoring activities, which may include: Accepted, Validated, Preliminary, and Final monitoring results (Note: Only monitoring results marked as "Final" in State WQX transmittal are made available to the public in STORET)	12/31/2012 9/30/12		3

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MONITORING PROGRAM

Goal 5 - Compliance and Environmental Stewardship Goal 2 - Clean and Safe Water

12	Task #	Coal
Data Management: Assessment Database (ADB) The State will record assessment decisions for Assessment Unit's (AU) using the most current version of ADB or an ADB-equivalent databases must conform to EPA required data elements and schema. The State will provide a 305(b) ADB file containing waterbody segmentation and resegmentation changes for current and previous cycles. Florida will utilize the 1:24K scale to geo-reference all AU locations, to meet the state's needs.	106 Workplan Task Description	Coar 5 - Computative and Environmental Stewardship
2006 IR Guidance and Updates WQ-7	Basis for 106 Workplan Task	dinen
Assessment Database (ADB) or an equivalent database using required EPA data elements and ADB schema Georeferenced data files depicting the location of every AU in the ADB or equivalent database will be submitted in the form of point, line and/or polygon Geographic Information System (GIS) layers or NHD reach indexing tables.	Commitments (Output/Outcome)	
04/01/2012	Date Due	
EPA understands that DEP currently uses WBIDs as the AU for purposes of IR assessment, but is developing a 1:24K NHD state coverage. EPA requests that DEP provide GIS layers and/or tables in both WBID and NHD formats.	EPA Comments	
	(End-of-Year State Report/State Comments Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)	

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MONITORING PROGRAM

13	Та	င္ပ င္
	Task #)al 2 -
Data Analysis and Assessment Methods: The State will document updates and refine its comprehensive, scientifically valid assessment methods for data and/or waterbody type, including use of State and third party data, considering trends, and incorporating the full range of available data.	106 Workplan Task Description	Goal 2 - Clean and Safe Water Goal 5 - Compliance and Environmental Stewardship
Program Priority & Elements of a State Water Monitoring and Assessment Program (EPA 841-B- 03-003) WQ-5	Basis for 106 Workplan Task	dship
Output: The State's current Listing and Assessment Methodology.	Commitments (Output/Outcome)	
12/31/12 4/1/12	Date Due	
	EPA Comments	
	(End-of-Year State Report/State Comments Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)	

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MONITORING PROGRAM

Denise Miller (STORET/data)

Goal 2 - Clean and Safe Water Goal 5 - Compliance and Environmental Stewardship

14	Task #	60%
	*	10-
Reporting - § 305(b) or Electronic Update and Assessment Data Base (ADB): In even calendar years, the State shall submit its biennial 305(b) report and Section 303(d) List pursuant to CWA § 305(b) as part of the Integrated 305(b)/303(d) Report. Each year, the State shall submit its annual electronic update of key monitoring information along with ADB-compatible assessment data, including any 303(d) List updates, for all the waters assessed during the previous year. The geo-referenced data files will include the minimum data elements in accordance with the Appendices A & B of the 2006 Integrated Report Guidance.	106 Workplan Task Description	Goal 5 - Compliance and Environmental Stewardship
CWA § 303(d) and 305(b), IR Guidance, 40 CFR 130.8(d) SP-10 SP-11 SP-12 SP-13 WQ-7	Basis for 106 Workplan Task	diust
Output: 2012 305(b)/303(d) Integrated Report, and electronic update.	Commitments (Output/Outcome)	
04/01/12	Date Due	
	EPA Comments	
23	(End-of-Year State Report/State Comments Indicate whether task has been met by writing the date the task was completed. If the task is not completed provide an explanation for any delays or issues encountered.)	

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MONITORING PROGRAM

Goal 5	Goal 5 - Compliance and Environmental Stewardship	dship				
						(End-of-Year State Report/State Comments Indicate whether task has been met by writing the date the task was completed
Task #	106 Workplan Task Description	Basis for 106 Workplan Task	Commitments (Output/Outcome)	Date Due	EPA Comments	explanation for any delays or issues encountered.)
15	State's Evaluation: The State will	Program	Output: State self-	12/31/12		
	evaluate its monitoring and assessment program through processes/activities	Priority & Elements of a	assessment of monitoring &			
	such as staff input, peer review, etc. and document how well the state's	State Water Monitoring	assessment program			
	monitoring designs and systems meet its	and Assessment				
		Program (EPA 841-B-				
		03-003)				
		WQ-5				

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MONITORING PROGRAM

Goal 5 - Comp	Goal 2 - Clean	
Goal 5 - Compliance and Environmental Stewardship	Goal 2 - Clean and Safe Water	
ronmental Ste		
wardship		

16	Task #	0000
Joint Evaluation/ Progress Report: The State will assist EPA to conduct Annual Evaluations of progress in implementing workplan commitments by providing status reports for each task. The reports should be included in the column of this workplan labeled State Comments.	106 Workplan Task Description	Computative and Entit office at the distribution of the distributi
Program Priority Regulatory Requirement 40 CFR 31.40 (b) 40 CFR 35.115 (a)	Basis for 106 Workplan Task	dinen
Output: 106 Annual Progress Report	Commitments (Output/Outcome)	
12/31/12	Date Due	
	EPA Comments	
	(End-of-Year State Report/State Comments Indicate whether task has been met by writing the date the task was completed. If the task is not completed, provide an explanation for any delays or issues encountered.)	

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